TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2017-03-27-05** **Date: 29-03-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Drilling of Borewells and Providing Pipe line to Existing Borewells at Surabhi Layout, Shivanahalli andSurrounding area Ward No-01.
Agency	:	Technical Manager (West), KRIDL, BBMP, Bangalore.
Customer Reference	:	BBMP/EE(YNK.D)/W.O/121/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-03-17
Sample ID No	:	2017-03-27-05/01
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	27-03-17
Oven Dry Weight	:	12000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0	100	100
45	335	335	2.8	97.2	95-100
22.4	2259	2594	21.6	78.4	60-80
11.2	2376	4970	41.4	58.6	40-60
4.75	2763	7733	64.4	35.6	25-40
2.36	1602	9335	77.8	22.2	15-30
0.6	610	9945	82.9	17.1	8-22
0.075	1852	11797	98.3	1.7	0-5

Note:-

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
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Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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Certificate No.: T- 4358

DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2017-03-27-05** **Date: 29-03-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Drilling of Borewells and Providing Pipe line to Existing Borewells at Surabhi Layout, Shivanahalli andSurrounding area Ward No-01.
Agency	:	Technical Manager (West), KRIDL, BBMP, Bangalore.
Customer Reference	:	BBMP/EE(YNK.D)/W.O/121/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-03-17
Sample ID No	:	2017-03-27-05/01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	27-03-17

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	11.5%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	11.2%	
Combined Flakiness and Elongation Index for WMM	22.7%	

Note:-
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Prepared By:
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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Lab ID	:	**CP-RW-2017-03-27-05** **Date: 29-03-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Drilling of Borewells and Providing Pipe line to Existing Borewells at Surabhi Layout, Shivanahalli andSurrounding area Ward No-01.
Agency	:	Technical Manager (West), KRIDL, BBMP, Bangalore.
Customer Reference	:	BBMP/EE(YNK.D)/W.O/121/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-03-17
Sample ID No	:	2017-03-27-05/01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	27-03-17

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	305.6	305.6
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	63.1	65.6
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	242.1	239.3
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.8
5	Aggregate impact value	(B/A)*100	20.6	21.5
6	Aggregate impact value (Mean of two tests)	Pecentage	21.1	

Note:-
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Prepared By:
Harshitha

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